

EXHIBIT 12

United States Patent [19]

Busboom et al.

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[54] LAWN MOWER HAVING FLOW CONTROL BAFFLES AND REMOVABLE MULCHING BAFFLES

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Related U.S. Application Data

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[52] U.S. Cl. 56/320.1; 56/17.4; 56/DIG. 20

[58] Field of Search 56/320.1, 320.2, 56/DIG. 9, 17.5, 17.4, DIG. 20, DIG. 24, DIG. 22

[56] References Cited

U.S. PATENT DOCUMENTS

4,055,036	10/1977	Kidd	56/320.2 X
4,787,195	11/1988	Wenzel	56/11.1
4,920,734	5/1990	Wenzel	56/11.1
4,941,864	7/1990	Bottum	474/133
4,958,484	9/1990	Busboom	56/255
4,967,543	11/1990	Scag et al.	56/10.8
5,077,959	1/1992	Wenzel	56/11.1
5,127,215	7/1992	Wenzel	56/11.1
5,129,217	7/1992	Loehr	56/13.6
5,133,176	7/1992	Baumann et al.	56/320.1 X
5,155,985	10/1992	Oshima et al.	56/10.8
5,205,112	4/1993	Tillotson et al.	56/2
5,210,998	5/1993	Hojo et al.	56/320.1 X
5,212,938	5/1993	Zenner et al.	56/320.1
5,239,810	8/1993	Gugel	56/10.8
5,249,411	10/1993	Hake	56/11.6
5,251,429	10/1993	Minato et al.	56/17.2

5,267,429	12/1993	Kettler et al.	56/320.2 X
5,305,589	4/1994	Rodriguez et al.	56/320.1
5,337,543	8/1994	Kitamura et al.	56/10.8
5,355,661	10/1994	Tomiyama	56/10.8
5,355,664	10/1994	Zenner	56/15.8
5,457,947	10/1995	Samejima et al.	56/320.2 X
5,465,564	11/1995	Koehn et al.	56/320.2
5,518,079	5/1996	Zvolanek	180/19.1
5,609,011	3/1997	Kuhn et al.	56/320.1 X
5,628,171	5/1997	Stewart et al.	56/320.2

OTHER PUBLICATIONS

Walker Mowers Brochure "Fast, Easy, Beautiful Moving™"
Dec. 1996.

Toro "Groundmaster 580-D" Brochure.

Toro "Groundmaster 300 Series" Brochure.

Toro "Groundmaster 200 Series" Brochure.

Toro "Proline P.O.S." Brochure.

Toro "Landscape Contractor Equipment" Brochure.

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[57] ABSTRACT

A multiblade lawn mower including a mower deck having a plurality of cutting blades rotatably disposed therein. A first flow control baffle is positioned in the mower deck between the cutting blades and the front wall of the mower deck and extends substantially continuously between the sides of the mower deck. A second flow control baffle is positioned in the mower deck rearwardly of the cutting blades. The first and second flow control baffles include a plurality of semi-circular baffle portions which define a plurality of open throat portions therebetween. A plurality of selectively removable mulcher baffles are positioned in the mower deck to close the throat portions, thereby defining a substantially cylindrical mulching chamber around each of the cutting blades.

2 Claims, 4 Drawing Sheets

